Fcc FCC docket 25-133

I write to advocate for:

- licensing simplification
- Preserving or increasing present band allocations
- Removing restrictions on at a minimum, symbol rates and modulation types
- Removing restrictions on encryption

Licensing should be simplified. I see merit in a system that allows testing (as now) for all levels at any time and suggest beginner limits to be in place during an initial period after **first** license issuance. Often, we are challenged to be able to find affordable equipment – in part because of the restricted user base. Less restrictive licensing and allowing privacy/encryption means potential users will find greater value in the require personal investment. This larger market will mean greater competition for our dollars and thus, better selection and lower prices.

Band allocations are sparse as is, often congested in part due to symbol rates and modulation types. Commercial users have plenty of access. Individual users lack the resources to apply material pressure at the scale of commercial interests. The FCC is obliged to preserve access for all users.

Symbol rates / modulation types: Restrictions on rates of transmission and modulation types need to be eliminated. We need to be ‘allowed’ to explore and innovate, even to use spread spectrum and similar techniques. Obsolete / excessively restrictive rules are unhelpful. Higher symbol rates result in shorter transmissions for the same information. Limiting modulation types is also inappropriate. Limiting power levels for data modes may be warranted since one of the primary objectives of new modulations is mobile / emergency operations with limited power may have merit especially in the interest of limiting the effects of spurious and other unwanted types of emission interference. In many cases, it is probable that more users will be able to communicate without interfering especially when using spread spectrum and similar methods.

Encryption. “Sauce Mr. Savik.” If the air waves are indeed public ‘property’, individuals and commercial carriers should be treated equally. I can encrypt my cellular (commercial radio) communications in such a way that regardless of a warrant, none but the recipient can decrypt the message and the encrypted communication is breaking no law or FCC rule. I retain my rights to security and privacy in all fora. Consider the case where I write on the side walk using chalk, a coded message readable by all in view but which can only be understood by the intended recipient, I remain within my rights. I cannot be compelled to decode the message. Even probable cause presented to a judge and upon issuance of a warrant does not compel and my desire for privacy is NOT such evidence! The side walk being a public space as the air waves are, is irrelevant.

It appears to me that the FCC does not respect my constitutionally protected rights as they are obligated to do. Instead they are trying to force everyone to use commercial carriers that can be more easily controlled and coerced into doing things that the FCC would not want to be responsible for doing themselves...

Peter Whalley